

STAFF REPORT

Meeting Date: 09/10/04
Agenda Item: 8

To: BEACON Board of Directors
From: Technical Advisor
Date 08/31/04

Subject: Coast of California Storm & Tidal Wave Study

REQUIRED ACTION:

- a. Adopt a resolution authorizing BEACON to accept the State funding of \$650,000 from the Department of Boating and Waterways.

DISCUSSION:

The Army Corps of Engineer's Coast of California Storm & Tidal Wave Study (CCSTWS) program seeks to develop regional shore protection/sand management plans for the entire California coastline. The program is being implemented by region/county basis, with San Diego being first, followed by Monterey, Los Angeles, and Orange County. Now, it's Santa Barbara and Ventura Counties' turn.

The purpose of the study is to gain a better understanding of the underlying coastal processes that govern the width of our beaches and the movement of sand along our coastline. The study does not focus on individual beach erosion problems and/or solutions. The scope of the study is set forth in the Project Master Plan (PMP). The study includes a series of wave and coastal bathymetry measurements as well as an in-depth assessment of local coastal processes. The overall cost of the study is \$2.78M, spread out over a four-year period. The primary benefits of the study will be a better understanding of our local coastal processes and beach erosion problems, an improved set of tools to predict future beach erosion patterns in our region, and a means for rapidly disseminating the information to interested government planning, engineering and regulatory agencies.

As the local sponsor, BEACON has signed a Feasibility Cost Sharing Agreement (FCSA) with the US Corps of Engineers. The FCSA stipulates that BEACON will be responsible for 50% of the cost of the study (\$1.39M), which can be made up of cash or in-kind services. The State can also contribute towards the local sponsor's share of the cost. This commitment is non-binding on either party, with the study being delayed if Federal and/or Local funds are not available.



A California Joint Powers Agency

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The State Department of Boating & Waterways (DB&W) has a commitment of \$250K, \$300K and \$100K for a total contribution of \$650K. This would leave \$740,000 of cash or in-kind contribution by BEACON over four years. The Department of Boating and Waterways has also indicated that it will continue to try and reserve \$100K or so each year as further matching fund contributions.

Staff requests that the Board adopt a resolution to accept the initial commitment of \$650,000 from the Department of Boating and Waterways. Once this resolution has been adopted and submitted to DBAW, BEACON can begin to perform tasks identified by the USCOE necessary for the Coast of California Storm & Tidal Wave Study. It is anticipated that this work could begin as soon as Fall of 2004.

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